thought actions of the operator. A data stream of available information elements is moved into a defined transfer location at a controlled speed and in an even step-wise fashion. Each information element in turn is visibly displayed in the transfer location and pauses there during a fixed dwell time, to provide an opportunity for the operator to decide whether to copy it into an output stream. The transfer location is visible in a fixed position relative to the operator's eye.

The speed of advance of the data stream and hence duration of the dwell time is chosen by the operator. A significant main feature of Applicant's invention is that the operator may from time to time manually adjust the speed of the data stream and hence the duration of the dwell time. The operator thus has the option of moving the data stream either too fast, too slow, or at a speed that he or she chooses as being just right, to accommodate the decision time and possible copying.

In the Durrani patent No. 6,011,542 relied on by the Examiner the description at Col. 3, Lines 39-42 indicates that the darkened portion (transfer area) is **moved to the selected character, rather than the reverse.** On the contrary, in Applicant's invention the data stream moves relative to a fixed transfer location.

As the Examiner has correctly stated, Durrani certainly **does not** set a specified dwell time for successive information segments to pause awaiting the operator's decision.

In Durrani the advance of available information into a visible position is controlled manually, one step at a time. See Col. 2, Lines 16 and 17, "...the graphical text wheel may be rotated by the user to advance the wheel to a particular desired character." Applicant's concept of a data stream moving continuously in an even step-wise fashion is entirely different and in no way suggested by Durrani.

The "Mavis Beacon Teaches Typing" reference is relevant but does not bear on the main feature of Applicant's invention. Applicant's invention is directed to "... creat(ing) an output sequence constituting a new information body...", as stated in the preamble of

Claim 17. The Mavis Beacon reference is directed to the development of routine typing skill. It is **not** a method to facilitate creating new information, nor does it in way suggest Applicant's novel method.

The Sun patent No. 5,646,821 in Col. 3, Lines 17-22 refers to increasing the speed of a track ball. Sun's pointing device 30A is operable so as to move a cursor on a computer display in a known manner (Col. 2, Lines 5-7). His electromechanical switch for moving or advancing the cursor includes a horizontal finger plate 31 which may be conveniently pressed downward, and a vertical finger plate 32 which may be conveniently pressed in a horizontal direction. The cumulative result of either one or a combination of such movements, however, would not in any sense affect the speed at which a data stream moves past a transfer location.

Operating the switch shown by Sun only affects the speed and convenience for the operator **to position or move the cursor** from one location to another. This has nothing whatsoever to do with positioning data or information elements that are available for selection and copying. It is Sun's cursor that is moved; not information elements. Furthermore, the switch action is a one-time operation, and any speed that would be achieved is a one-time matter; there is no carryover of speed or convenience from one cursor movement to the next.

Combining Sun with Durrani and/or with Mavis Beacon could not possibly provide a manual adjustment of the dwell times for a moving data stream. The Durrani patent does not even specify a dwell time. Applicant's Claim 17 cannot be met by combining these references.

New Claims 32 and 33 which are now submitted are believed to capture the essence of the invention, which is to optimally coordinate the eye, hand, and mind actions of the operator by providing for both manual selection of each information item as it is displayed during a dwell time, and manual adjustment of the data speed and hence the

dwell time duration.

Applicant has reviewed all of the prior art in this file, and believes that all of claims 17-23 and 32 through 34 are patentable and should be allowed.

The Status of Claims and new Abstract are on the following pages of this response.

Respectfully submitted,

November 15, 2005

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